



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Approve Specifications and Authorize Advertisement for Bids for Replacement of Standby Generators at Northeast and Peterson Park Sanitary Lift Stations

MEETING DATE: January 5, 2011

PREPARED BY: Public Works Director

RECOMMENDED ACTION: Approve specifications and authorize advertisement for bids for replacement of standby generators at Northeast and Peterson Park sanitary lift stations.

BACKGROUND INFORMATION: The City's wastewater utility operates and maintains nine sanitary lift stations throughout the collection system. Lift stations pump domestic and industrial wastewater to a higher elevation so the wastewater can flow to the White Slough Water Pollution Control Facility for treatment.

Since the pumps operate on electricity, power interruptions would cause a backup of wastewater flow upstream of the lift station location. If power is not reinstated quickly, the potential for a significant sanitary sewer overflow (SSO) exists. Standby generators are used at each site to provide electrical power to the lift stations during electrical outages, thereby minimizing the potential for SSOs.

The standby generators located at the Northeast Lift Station and Peterson Park Lift Station (Exhibits A and B) are among the oldest standby generators in the wastewater system at 31 and 27 years of age, respectively. These generator sets are unreliable and more difficult to repair as some of the replacement parts are no longer available.

On February 19, 2003, the City Council approved Olympian (supplied by Caterpillar) as the standard standby electric generator system for sanitary sewer lift stations and water wells throughout the City. The specifications reflect that Council action. Replacement of these two standby generators is in accordance with the City's Sanitary Sewer Management Plan operation and maintenance requirement.

The specifications are on file in the Public Works Department. The planned bid opening date is January 19, 2011.

FISCAL IMPACT: Replacing the existing standby generators will reduce repair costs, decrease staff time spent on repairs and lessen the City's exposure to regulatory penalties resulting from SSOs.

FUNDING AVAILABLE: Budgeted FY 2010/1 ■ Wastewater Capital Fund (171)
Project Estimate: \$75,000


F. Wally Sandelin
Public Works Director

FWS/CES/dsg
Attachments
cc: Lance Roberts, Water/Wastewater Superintendent

APPROVED: 
Konradt Bartlam, City Manager

Northeast Liftstation
515 North Cluff Avenue





Petersen Park Liftstation
201 Evergreen Drive

EXHIBIT B